RESULT LIST
Approximately **176** results found in the Worldwide database for:
logical in the title AND **disk** in the title or abstract
(Results are sorted by date of upload in database)

1   **Logical disk management method and apparatus**
Inventor: SASAMOTO KYOICHI (JP)   Applicant:

EC: IPC: *G06F12/00*; G06F12/00

Publication info: **US2006010290** - 2006-01-12

2   **Apparatus and method for reallocating logical to physical disk devices using a storage controller, with access frequency and sequential access ratio calculations and display**
Inventor: YAMAMOTO YASUTOMO (JP); YAMAMOTO   Applicant:
AKIRA (JP); (+1)
EC: IPC: *G06F12/08*; G06F12/08; (IPC1-7): G06F12/08

Publication info: **US2005228949** - 2005-10-13

3   **SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE, DIGITAL CAMERA, DIGITAL VIDEO CAMERA, COMPUTER SYSTEM, MOBILE COMPUTER SYSTEM, LOGICAL VARIABLE LSI DEVICE, IC CARD, NAVIGATION SYSTEM, ROBOT, IMAGE DISPLAY DEVICE, AND OPTICAL DISK STORAGE**
Inventor: TAKASHIMA DAIZABURO   Applicant: TOKYO SHIBAURA ELECTRIC CO

EC: IPC: *G11C11/22; H01L27/105*; G11C11/22 (+3)

Publication info: **JP2005209324** - 2005-08-04

4   **Storage system with logical partitioning capability**
Inventor: SHIMADA KENTARO (JP); HASHIMOTO   Applicant: HITACHI LTD (JP)
AKIYOSHI (JP)
EC: IPC: *G06F3/06; G06F12/00; G06F13/14* (+6)

Publication info: **GB2407431** - 2005-04-27

5   **Storage having logical partitioning capability and systems which include the storage**
Inventor: SHIMADA KENTARO (JP); HASHIMOTO   Applicant: HITACHI LTD
AKIYOSHI (JP)
EC: IPC: *G06F12/00*; G06F12/00; (IPC1-7): G06F12/00

Publication info: **US2005091454** - 2005-04-28

6   **Storage system for computer system, has disk controller controlling turn on or off of disk devices corresponding to specified logical unit, independent of disk devices corresponding to other logical units, based on program**
Inventor: YAGISAWA IKUYA; MATSUNAMI NAOTO;   Applicant: HITACHI LTD (JP)
(+2)
EC: IPC: *G06F1/32; G06F3/06; G06F11/10* (+15)

Publication info: **FR2862778** - 2005-05-27

7   **RAID apparatus storing a plurality of same logical volumes on different disk units**
Inventor: KOCHIYA TOSHIAKI (JP)   Applicant: FUJITSU LTD (JP)

EC: G06F3/06M; G06F11/20L4R   IPC: *G06F3/06; G06F11/20*; G06F3/06 (+2)

Publication info: **US2004210714** - 2004-10-21

8   **Storage control subsystem for managing logical volumes**
Inventor: NASHIMOTO KUNIHIKO (JP); MORI AKIHIRO Applicant:
(JP)
EC: IPC: *G06F3/06; G06F12/00; G06F13/00* (+4)

Publication info: **US2005144404** - 2005-06-30

9   Method and apparatus for reconfiguring striped logical devices in a disk array storage
Inventor: DON ARIEH (US); GAGNE MATHIEU (US); (+6)   Applicant:
EC: G06F3/06D   IPC: *G06F3/06*; **G06F3/06**; (IPC1-7): G06F12/00
Publication info: **US2004162957** - 2004-08-19

10 Method and apparatus mapping logical tracks in a disk drive for optimizing track seek time
Inventor: NGUYEN TUNG (US); GAMI BIPIN V (US)   Applicant:
EC: IPC: *G06F12/08; G11B21/10*; **G06F12/08** (+2)
Publication info: **US2005138265** - 2005-06-23

Data supplied from the *esp@cenet* database - Worldwide

Family list
12 family members for:
US2002069307
Derived from 6 applications.

1 **Operating system for generating overlapped input-output requests to a device in a disk array storage**
Publication info: **US6633925 B2** - 2003-10-14
US2002069305 A1 - 2002-06-06

2 **Disk array storage device capable of handling overlapped input-output requests**
Publication info: **US6665738 B2** - 2003-12-16
US2002069304 A1 - 2002-06-06

3 **Data processing system with parallel access to a logical volume on a disk array storage device**
Publication info: **US6665739 B2** - 2003-12-16
US2002069306 A1 - 2002-06-06

4 **Method and apparatus for optimizing an address extent in an input-output**
Publication info: **US6678748 B2** - 2004-01-13
US2002069307 A1 - 2002-06-06

5 **Method for enabling overlapped input/output requests to a logical device using assigned and parallel access unit control blocks**
Publication info: **US6839773 B2** - 2005-01-04
US2004088446 A1 - 2004-05-06

6 **Method for enabling overlapped input/output requests to a logical device from multiple hosts with explicit allegiances**
Publication info: **US6990536 B2** - 2006-01-24
US2004107302 A1 - 2004-06-03

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
27 results found in the Worldwide database for:
logical in the title AND **raid** in the title or abstract
(Results are sorted by date of upload in database)

1 **SYSTEM AND METHOD FOR FLEXIBLE PHYSICAL-TO-LOGICAL MAPPING IN RAID ARRAYS**

Inventor: NEHSE PAUL (US)

Applicant: XYRATEX TECHNNOLOGY LTD (GB); NEHSE PAUL (US)

EC:

IPC:

Publication info: **WO2006036810** - 2006-04-06

2 **RAID apparatus storing a plurality of same logical volumes on different disk units**

Inventor: KOCHIYA TOSHIAKI (JP)

Applicant: FUJITSU LTD (JP)

EC: G06F3/06M; G06F11/20L4R

IPC: **G06F3/06; G06F11/20**; G06F3/06 (+2)

Publication info: **US2004210714** - 2004-10-21

3 **Data access control for a plurality of logical data stores**

Inventor: NAGASOE YASUYUKI (JP); HOMMA HISAO (JP)

Applicant: HITACHI LTD (JP)

EC:

IPC: **G06F1/00; G06F3/06; G06F9/44** (+10)

Publication info: **GB2405235** - 2005-02-23

4 **Raid apparatus and logical device expansion method thereof**

Inventor: ITO MIKIO (JP); DAIKOKUYO HIDEJIROU (JP); (+4)

Applicant: FUJITSU LTD (JP)

EC:

IPC: **G06F3/06; G06F12/08**; G06F3/06 (+2)

Publication info: **EP1434125** - 2004-06-30

5 **System, method and software for reporting logical volume information on network attached storage appliances**

Inventor: COPPOCK JOHN C (US); CHERIAN JACOB (US)

Applicant: DELL PRODUCTS LP (US)

EC:

IPC: **G06F12/00**; G06F12/00; (IPC1-7): G06F12/00

Publication info: **US2005076178** - 2005-04-07

6 **Methods and structure for improved fault tolerance during initialization of a RAID logical unit**

Inventor: ASHMORE PAUL (US); SEGURA THERESA (US)

Applicant:

EC:

IPC: **H04B1/74**; H04B1/74; (IPC1-7): H04B1/74

Publication info: **US2004216012** - 2004-10-28

7 **Methods and structure for rapid background initialization of a RAID logical unit**

Inventor: CHATTERJEE PARESH (US); BISWAS CHAYAN (US); (+2)

Applicant:

EC:

IPC: **G06F12/00**; G06F12/00; (IPC1-7): G06F12/00

Publication info: **US2004215877** - 2004-10-28

8 **Raid apparatus storing a plurality of same logical volumes on different disk units**

Inventor: KOCHIYA TOSHIAKI (JP)

Applicant:

EC: G06F3/06M; G06F11/20L4R

IPC: **G06F3/06; G06F11/20**; G06F3/06 (+2)

Publication info: **US2003028727** - 2003-02-06

9 **METHOD AND SYSTEM FOR MIGRATION OF DATA IN RAID LOGICAL DRIVE MIGRATION**

Inventor: RIEDLE LINDA ANN

Applicant: IBM

EC:

IPC: **G06F3/06; G06F12/00; G11C5/00** (+5)

Publication info: JP2003131817 - 2003-05-09

10 **Network file storage system includes local logical fileserver managing redundancy system and provided access via Internet to remote storage**
Inventor: **Applicant:** SMETS JEAN PAUL (FR)

EC: H04L29/08A7   **IPC:** *H04L29/08*; **H04L29/08**; (IPC1-7): G06F13/38

Publication info: FR2840085 - 2003-11-28

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
6 results found in the Worldwide database for:
epoch in the title AND **time** in the title or abstract
(Results are sorted by date of upload in database)

1 **A DEVICE AND METHOD FOR DETERMINING AN EPOCH USING A DE-SPREAD SPREAD-SPECTRUM SIGNAL**

Inventor: SHARP IAN FRANCIS (AU)

Applicant: COMMW SCIENT IND RES ORG (AU); SHARP IAN FRANCIS (AU)

EC: G01S1/00S1A; H04B1/707

IPC: *G01S1/00; H04B1/707*; G01S1/00 (+4)

Publication info: **WO2004086078** - 2004-10-07

2 **DTMF lockout utility using epoch time stamp**

Inventor: STROUD KENNETH ROBERT (US); BRANDT JEFFREY LEWIS (US); (+1)

Applicant: SBC KNOWLEDGE VENTURES L P (US)

EC: G06F1/14

IPC: *G06F1/14*; G06F1/14; (IPC1-7): G06F1/00

Publication info: **US2005071396** - 2005-03-31

3 **Pitch epoch synchronous linear predictive coding vocoder and method**

Inventor: FETTE BRUCE A (US); YOU SEAN S (US); (+1)

Applicant: MOTOROLA INC (US)

EC: G10L19/14A1C

IPC: *G01L3/02; G01L9/00; H04L9/00* (+5)

Publication info: **US5579437** - 1996-11-26

4 **PITCH EPOCH SYNCHRONOUS LINEAR PREDICTIVE CODING VOCODER AND METHOD**

Inventor: FETTE BRUCE A (US); YOU SEAN S (US); (+1)

Applicant: MOTOROLA INC (US)

EC: G10L19/14A1C

IPC: *G01L3/02; G01L9/00; H04L9/00* (+5)

Publication info: **CA2123188** - 1994-11-29

5 **REMOTE TIME TRANSFER SYSTEM WITH EPOCH PULSE**

Inventor: PHILLIPS D; PHILLIPS R

Applicant: US NAVY

EC: G04F5/14; G04G7/02

IPC: *G04F5/14; G04G7/02*; G04F5/00 (+3)

Publication info: **US3751900** - 1973-08-14

6 **Improvements in or relating to apparatus for recording the epoch of incidence of an electrical disturbance or signal**

Inventor: HOLLIDAY JOHN HUBERT; CHADNEY DONOVAN COLIN

Applicant: GEN ELECTRIC CO LTD

EC: G01R13/20C

IPC: *G01R13/20*; G01R13/20

Publication info: **GB878467** - 1961-09-27

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
2 results found in the Worldwide database for:
epoch in the title AND **identifiers** in the title or abstract
(Results are sorted by date of upload in database)

1 **Volume configuration data administration**
Inventor: CABRERA LUIS FELIPE (US); INGEN   Applicant: MICROSOFT CORP (US)
CATHARINE VAN (US); (+2)
EC: G06F17/30C   IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F7/00

Publication Info: **US2003177109** - 2003-09-18

2 **LOGICAL VOLUME CONFIGURATION DATA MANAGEMENT
DETERMINES WHETHER TO EXPOSE THE LOGICAL VOLUME ON-
LINE, OFF-LINE REQUEST BASED ON COMPARISON OF VOLUME
EPOCH NUMBERS ON EACH EXTENTS OF THE VOLUME IDENTIFIERS**
Inventor: CABRERA LUIS FELIPE (US); VAN INGEN   Applicant: MICROSOFT CORP (US)
CATHARINE (US); (+2)
EC: G06F17/30C   IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F12/00
                                               (+1)

Publication Info: **US6553387** - 2003-04-22

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
1 result found in the Worldwide database for:
epoch in the title AND **storage** in the title or abstract
(Results are sorted by date of upload in database)

1 **Using an epoch number to optimize access with rowid columns and direct row access**
Inventor: LYLE ROBERT WILLIAM (US); YOTHERS JAY A Applicant: IBM (US) (US)
EC: G06F17/30S1; G06F17/30W5   IPC: *G06F17/30*; **G06F17/30**; (IPC1-7): G06F17/30 (+1)
Publication info: **US6366902** - 2002-04-02

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
2 results found in the Worldwide database for:
epoch in the title AND **configuration** in the title or abstract
(Results are sorted by date of upload in database)

1 **Volume configuration data administration**
Inventor: CABRERA LUIS FELIPE (US); INGEN   Applicant: MICROSOFT CORP (US)
CATHARINE VAN (US); (+2)
EC: G06F17/30C   IPC: *G06F17/30*; **G06F17/30**; (IPC1-7): G06F7/00

Publication info: **US2003177109** - 2003-09-18

2 **LOGICAL VOLUME CONFIGURATION DATA MANAGEMENT**
DETERMINES WHETHER TO EXPOSE THE LOGICAL VOLUME ON-
LINE, OFF-LINE REQUEST BASED ON COMPARISON OF VOLUME
EPOCH NUMBERS ON EACH EXTENTS OF THE VOLUME IDENTIFIERS
Inventor: CABRERA LUIS FELIPE (US); VAN INGEN   Applicant: MICROSOFT CORP (US)
CATHARINE (US); (+2)
EC: G06F17/30C   IPC: *G06F17/30*; **G06F17/30**; (IPC1-7): G06F12/00
          (+1)

Publication info: **US6553387** - 2003-04-22

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
2 results found in the Worldwide database for:
epoch in the title AND **extent** in the title or abstract
(Results are sorted by date of upload in database)

1   **Volume configuration data administration**

Inventor: CABRERA LUIS FELIPE (US); INGEN
CATHARINE VAN (US); (+2)

Applicant: MICROSOFT CORP (US)

EC: G06F17/30C

IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F7/00

Publication info: **US2003177109** - 2003-09-18

2   **LOGICAL VOLUME CONFIGURATION DATA MANAGEMENT
DETERMINES WHETHER TO EXPOSE THE LOGICAL VOLUME ON-
LINE, OFF-LINE REQUEST BASED ON COMPARISON OF VOLUME
EPOCH NUMBERS ON EACH EXTENTS OF THE VOLUME IDENTIFIERS**

Inventor: CABRERA LUIS FELIPE (US); VAN INGEN
CATHARINE (US); (+2)

Applicant: MICROSOFT CORP (US)

EC: G06F17/30C

IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F12/00
(+1)

Publication info: **US6553387** - 2003-04-22

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
4 results found in the Worldwide database for:
epoch in the title AND **data** in the title or abstract
(Results are sorted by date of upload in database)

1 **Epoch-variant holographic communications apparatus and methods**
Inventor: ROSEN LOWELL (US)   Applicant:

EC: IPC: *H04B1/69*; **H04B1/69**; (IPC1-7): H04B1/69

Publication info: **US2005031016** - 2005-02-10

2 **Volume configuration data administration**
Inventor: CABRERA LUIS FELIPE (US); INGEN   Applicant: MICROSOFT CORP (US)
CATHARINE VAN (US); (+2)
EC: G06F17/30C   IPC: *G06F17/30*; **G06F17/30**; (IPC1-7): G06F7/00

Publication info: **US2003177109** - 2003-09-18

3 **LOGICAL VOLUME CONFIGURATION DATA MANAGEMENT
DETERMINES WHETHER TO EXPOSE THE LOGICAL VOLUME ON-
LINE, OFF-LINE REQUEST BASED ON COMPARISON OF VOLUME
EPOCH NUMBERS ON EACH EXTENTS OF THE VOLUME IDENTIFIERS**
Inventor: CABRERA LUIS FELIPE (US); VAN INGEN   Applicant: MICROSOFT CORP (US)
CATHARINE (US); (+2)
EC: G06F17/30C   IPC: *G06F17/30*; **G06F17/30**; (IPC1-7): G06F12/00
                                                     (+1)

Publication info: **US6553387** - 2003-04-22

4 **Using an epoch number to optimize access with rowid columns and
direct row access**
Inventor: LYLE ROBERT WILLIAM (US); YOTHERS JAY A Applicant: IBM (US)
(US)
EC: G06F17/30S1; G06F17/30W5   IPC: *G06F17/30*; **G06F17/30**; (IPC1-7): G06F17/30
                                                     (+1)

Publication info: **US6366902** - 2002-04-02

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
2 results found in the Worldwide database for:
epoch in the title AND **value** in the title or abstract
(Results are sorted by date of upload in database)

1   A DEVICE AND METHOD FOR DETERMINING AN EPOCH USING A DE-SPREAD SPREAD-SPECTRUM SIGNAL

Inventor: SHARP IAN FRANCIS (AU)   Applicant: COMMW SCIENT IND RES ORG (AU); SHARP IAN FRANCIS (AU)

EC: G01S1/00S1A; H04B1/707   IPC: *G01S1/00; H04B1/707*; G01S1/00 (+4)

Publication Info: **WO2004086078** - 2004-10-07

2   EPOCH-MAKING GEAR CRANK FOR BICYCLE

Inventor: TAMURA KIICHI   Applicant: TAMURA SENNOSUKE

EC: IPC: *B62M3/00; B62M9/00*; B62M3/00 (+3)

Publication info: **JP6239284** - 1994-08-30

Data supplied from the *esp@cenet* database - Worldwide